

ARC920010020US1  
09/844,916In the Claims:

1. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, said system comprising:

computer memory storing a plurality of ~~computer~~ data inputs;

program memory ~~prestering~~ retaining a plurality of ~~possible~~ prestored data inputs;

A3 | processing element correlating said data inputs to one or more of said prestored data inputs, said correlation representing an event and comprising one or more of: a determination of a match between at least a partial data inputs to complete prestored entries, determination of errors based on an evaluation of formatting of said data input, and determination of errors based on an evaluation of multiple data inputs to rules based logic;

| wherein upon recognition of a correlation, said processing element selecting a specific sound pattern representative of said event, and a sound source reproducing said specific sound pattern.

2. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, wherein one or more parts of said system are located locally or connected by networks comprising any of: LANs, WANs, cellular, Internet, Web or wireless web based connections.

ARC920010020US1  
09/844,916

3. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, wherein said rules based logic comprises one or more of: language, formatting, syntactical and grammatical rules.

4. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, wherein said rules based logic comprises punctuation rules.

5. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, wherein said prestored data entries comprise programming language codes.

6. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, wherein said prestored data entries comprise any of, or a combination of, the following personal information; such as addresses, phone numbers, and social security numbers.

7. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, wherein said formatting comprises any of: URLs, e-mail addresses, or entries to a standard template or electronic form.

ARC920010020US1  
09/844, 916

8. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 1, further comprising an optional corrective action suggestion to complete partial data inputs or correct data inputs with detected errors.

9. (currently amended) A computer-based system providing selective sound patterns upon recognition of improper formatting of data input events, said system comprising:

computer memory storing a plurality of data ~~computer~~-inputs;

program memory ~~prestoreing~~ retaining a plurality of ~~possible-prestored~~ data inputs;

processing element correlating said data inputs to one or more of said prestored data inputs, said correlation representing an event and comprising one or more of: a determination of a match between at least a partial data inputs to complete prestored entries, determination of errors based on an evaluation of formatting of said data input, and determination of errors based on an evaluation of multiple data inputs to rules based logic;

upon recognition of a correlation, said processing element selecting a specific sound pattern representative of said event;

a sound source reproducing said specific sound pattern, and wherein said processing element provides alternative data that can be optionally selected by a user for substitution of said data input based upon said correlation.

10. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 9, wherein one or more parts of said system

ARC9200100200S1  
09/844,916

are located locally or connected by networks comprising any of: LANs, WANs, cellular, Internet, Web or wireless web based connections.

11. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 9, wherein said rules based logic comprises one or more of: language, formatting, syntactical and grammatical rules.

A3  
12. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 9, wherein said rules based logic comprises punctuation rules.

13. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 9, wherein said prestored data entries comprise programming language codes.

14. (currently amended) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 9, wherein said prestored data entries comprise any of, or a combination of, the following personal information; such as addresses, phone numbers, and social security numbers.

15. (original) A computer-based system providing selective sound patterns upon recognition of data input events, as per claim 9, wherein said formatting comprises any of: URLs, e-mail addresses, or entries to a standard template or electronic form.

ARC920010020US1  
09/844,916

16. (currently amended) A method for notifying a computer user of specific word processing events by selected sound patterns, said method comprising the steps:

receiving word processing inputs;

storing in computer memory said received word processing inputs,

retrieving selected related word processing inputs from a library of prestored word processing inputs;

comparing said received word processing inputs with said selected word processing inputs to determine an event comprising one or more of: a match between at least a received partial inputs to complete prestored word processing inputs, errors based on an evaluation of formatting of said received inputs, or errors based on an evaluation of multiple received inputs to rules based logic,

selecting a specific sound pattern representative of said event, and

producing said selected sound pattern through a sound source.

17. (original) A method for notifying a computer user of specific word processing events by selected sound patterns, as per claim 16, further comprising the step of suggesting possible word processing inputs to complete or correct said received word processing inputs.

18. (currently amended) A method for notifying a computer user of specific word processing events by selected sound patterns, as per claim 16, wherein said match between partial inputs to complete received word processing inputs is determined by

ARC920010020US1  
09/844,916

recognizing any of, or a combination of, the following personal information; ~~such as:~~  
personal addresses, phone numbers, and social security numbers.

19. (original) A method for notifying a computer user of specific word processing events by selected sound patterns, as per claim 16, wherein said evaluation of formatting of said received inputs further comprises the step of determining if the specific word processing events comprise e-mail addresses, URLs, or entries for a template or a standard form.
20. (original) A method for notifying a computer user of specific word processing events by selected sound patterns, as per claim 16, wherein said sound pattern is modified to indicate the severity of a detected word processing event.
21. (original) An article of manufacture comprising a computer program product, said computer program product comprising a computer usable medium having computer readable program code:  
said computer readable program code embodying a method comprising the steps of:  
receiving computer inputs;  
storing in computer memory said received word processing inputs,  
retrieving selected related word processing inputs from a library of prestored word processing inputs;  
comparing said received word processing inputs with said selected word processing inputs to determine an event comprising one or more of: a match between received partial inputs to complete prestored word processing inputs,

ARC920010020031  
09/844,916

errors based on an evaluation of formatting of said received inputs, or errors based on an evaluation of multiple received inputs to rules based logic, selecting a specific sound pattern representative of said event, and producing said selected sound pattern through a sound source.

22. (original) An article of manufacture comprising a computer program product, as per claim 21, further comprising a step comprising an optional corrective action suggestion to complete partial data inputs or correct data inputs with detected errors.
-